

# Grizzly<sup>®</sup> Industrial

CORPORATE HEADQUARTERS

P.O. BOX 2069, BELLINGHAM, WA, U.S.A.

TELEPHONE: (360) 647-0801 • FAX: (360) 676-1075

## Introducing the Grizzly Models G0453P & G0453PX Polar Bear Series™ 15" Planers



Spiral Cutterhead from G0453PX



### MACHINE HIGHLIGHTS (see Machine Data Sheet for full specifications)

- Dazzling white color!
- 3 HP 220V 15A motor.
- Cabinet-style stand with built-in mobile base and pedestal-mounted switch for easy access.
- 15" x 20" Precision-ground cast iron table.
- G0453P uses a 3-knife cutterhead with 15" x 1" x 1/8" HSS blades.
- G0453PX uses a spiral cutterhead with 74 four-sided indexable carbide inserts.

G0453P is available for \$995. G0453PX is available for \$1,475. As with all Grizzly products, this machine is covered by a one-year warranty. For more information call 1-800-523-4777 or visit [www.grizzly.com](http://www.grizzly.com).



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 • To Order Call: (800) 523-4777 • Fax #: (800) 438-5901

## MODEL G0453P POLAR BEAR SERIES 15" PLANER

### Product Dimensions:

Weight ..... 655 lbs.  
Length/Width/Height ..... 42" x 32" x 45<sup>7</sup>/<sub>8</sub>"  
Foot Print (Length/Width)..... 22<sup>1</sup>/<sub>2</sub>" x 22"

### Shipping Dimensions:

Type ..... Wood  
Content..... Machine  
Weight..... 675 lbs.  
Length/Width/Height..... 31" x 30" x 47"

### Electrical:

Power Requirement ..... 220V, Single-Phase, 60 Hz  
Switch..... Magnetic with Thermal Overload Protector  
Switch Voltage ..... 220V  
Cord Length ..... 5 ft.  
Cord Gauge ..... 12 gauge  
Minimum Circuit Size ..... 20 Amp  
Plug Included ..... No  
Recommended Plug/Outlet Type..... 6-20

### Motors:

#### Main

Type..... TEFC Capacitor Start Induction  
Horsepower ..... 3 HP  
Voltage ..... 220V  
Phase ..... Single  
Amps ..... 15A  
Speed ..... 3450 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer..... Triple V-Belt Drive  
Bearings ..... Sealed and Lubricated

### Main Specifications:

#### Operation Info

Maximum Cut Width ..... 15"  
Min. Stock Length..... 8"  
Min. Stock Thickness ..... <sup>3</sup>/<sub>16</sub>"  
Maximum Stock Thickness..... 8"  
No. Of Cuts Per Inch ..... 42, 63  
No Of Cuts Per Minute ..... 15,000  
Cutterhead Speed ..... 5000 RPM  
Planing Feed Rate..... 16, 30 FPM  
Max. Cut Depth Planing Full Width ..... <sup>3</sup>/<sub>32</sub>"  
Max. Cut Depth Planing 6 Inch Wide Board ..... <sup>1</sup>/<sub>8</sub>"

**Cutterhead Info**

Cutterhead Type.....	3 Knife
Cutterhead Dia .....	3"
No. Of Knives .....	3
Knife Type .....	HSS
Knife Size Length .....	15"
Knife Size Width .....	1"
Knife Size Thickness .....	1/8"
Knife Adjustment .....	Jack Screws

**Table Info**

Table Movement.....	8 in.
Table Bed Size Length .....	20"
Table Bed Size Width.....	15"
No. Of Bed Rollers .....	2
Floor to Table Height.....	27 – 35"
Roller Ext Table Size Length.....	42"
Roller Ext Table Size Width .....	15"
Roller Ext Table Size Thickness .....	1 3/4"

**Construction**

Table Construction .....	Precision-Ground Cast Iron
Body Construction .....	Cast Iron
Stand Construction.....	Formed Steel
Cutterhead Assembly Construction.....	Steel
Infeed Roller Construction.....	Solid Serrated Steel
Outfeed Roller Construction.....	Solid Serrated Steel
Paint .....	Powder Coated

**Other**

Table Locks .....	Two Positive
Measurement Scale .....	Inch and Metric
No. Of Dust Ports .....	1
Dust Port Size .....	4"
Mobile Base.....	Built-In

**Other Specifications:**

Country Of Origin.....	China
Warranty.....	1 Year
Serial Number Location .....	ID Label on Upper Cover
Customer Setup and Cleaning Time.....	1 1/2 Hours

**Features:**

- White Powder Coated Paint
- Inch and Metric Measurement Scale
- Two Adjustable Bed Rollers
- Chip Breaker and Pressure Bar
- Knife Setting Jig Included
- Board Return Rollers
- Built-In, Easy-to-Use Mobile Base
- Cast Iron Extension Wings
- Four Column Support with Table Locks
- Two Speed Automatic Board Feed



# MACHINE DATA SHEET

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## MODEL G0453PX

### POLAR BEAR SERIES 15" PLANER w/SPIRAL CUTTERHEAD

#### Product Dimensions:

Weight ..... 655 lbs.  
 Length/Width/Height ..... 42" x 32" x 45<sup>7</sup>/<sub>8</sub>"  
 Foot Print (Length/Width)..... 22<sup>1</sup>/<sub>2</sub>" x 22"

#### Shipping Dimensions:

Type ..... Wood  
 Content..... Machine  
 Weight..... 675 lbs.  
 Length/Width/Height..... 31" x 30" x 47"

#### Electrical:

Power Requirement ..... 220V, Single-Phase, 60 Hz  
 Switch..... Magnetic with Thermal Overload Protector  
 Switch Voltage ..... 220V  
 Cord Length ..... 5 ft.  
 Cord Gauge ..... 12 gauge  
 Minimum Circuit Size ..... 20 Amp  
 Plug Included ..... No  
 Recommended Plug/Outlet Type..... 6-20

#### Motors:

##### Main

Type..... TEFC Capacitor Start Induction  
 Horsepower ..... 3 HP  
 Voltage ..... 220V  
 Phase ..... Single  
 Amps ..... 15A  
 Speed ..... 3450 RPM  
 Cycle..... 60 Hz  
 Number Of Speeds..... 1  
 Power Transfer..... Triple V-Belt Drive  
 Bearings ..... Sealed and Lubricated

#### Main Specifications:

##### Operation Info

Maximum Cut Width ..... 15"  
 Min. Stock Length..... 8"  
 Min. Stock Thickness ..... <sup>9</sup>/<sub>16</sub>"  
 Maximum Stock Thickness..... 8"  
 No. Of Cuts Per Inch ..... 56, 104  
 No Of Cuts Per Minute ..... 20,000  
 Cutterhead Speed ..... 5000 RPM  
 Planing Feed Rate..... 16, 30 FPM  
 Max. Cut Depth Planing Full Width ..... <sup>3</sup>/<sub>32</sub>"  
 Max. Cut Depth Planing 6 Inch Wide Board ..... <sup>1</sup>/<sub>8</sub>"

**Cutterhead Info**

Cutterhead Type.....	Spiral
Cutterhead Diameter .....	3"
No. Of Cutter Spirals .....	4
No. Of Indexable Cutters.....	74
Cutter Insert Type.....	Indexable Carbide
Cutter Insert Size Length .....	14 mm
Cutter Insert Size Width .....	14 mm
Cutter Insert Size Thickness .....	2 mm

**Table Info**

Table Movement.....	8 in.
Table Bed Size Length .....	20"
Table Bed Size Width.....	15"
No. Of Bed Rollers .....	2
Floor to Table Height.....	27 – 35"
Roller Ext Table Size Length.....	42"
Roller Ext Table Size Width .....	15"
Roller Ext Table Size Thickness .....	1 3/4"

**Construction**

Table Construction .....	Precision-Ground Cast Iron
Body Construction .....	Cast Iron
Stand Construction.....	Formed Steel
Cutterhead Assembly Construction.....	Steel
Infeed Roller Construction.....	Solid Serrated Steel
Outfeed Roller Construction.....	Solid Serrated Steel
Paint .....	Powder Coated

**Other**

Table Locks .....	Two Positive
Measurement Scale .....	Inch and Metric
No. Of Dust Ports .....	1
Dust Port Size .....	4"
Mobile Base.....	Built-In

**Other Specifications:**

Country Of Origin.....	China
Warranty.....	1 Year
Serial Number Location .....	ID Label on Upper Cover
Customer Setup and Cleaning Time.....	1 1/2 Hours

**Features:**

- White Powder Coated Paint
- Spiral Cutterhead with German-Made Indexable Carbide Inserts
- Inch and Metric Measurement Scale
- Two Adjustable Bed Rollers
- Chip Breaker and Pressure Bar
- Board Return Rollers
- Built-In, Easy-to-Use Mobile Base
- Cast Iron Extension Wings
- Four Column Support with Table Locks
- Two Speed Automatic Board Feed